PCT09

ENTERED

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/807,576

DATE: 03/05/2002
TIME: 13:39:13

Input Set : A:\USSN09807576.txt
Output Set: N:\CRF3\03052002\I807576.raw

```
   3 <110> APPLICANT: ARIAD Gene Therapeutics, Inc.
   5 <120> TITLE OF INVENTION: Materials and Methods Involving Conditional Aggregation
Domains
   7 <130> FILE REFERENCE: ARIAD 384A PCT/US
   9 <140> CURRENT APPLICATION NUMBER: US 09/807,576
  10 <141> CURRENT FILING DATE: 2001-04-13
  12 <160> NUMBER OF SEQ ID NOS: 22
  14 <170> SOFTWARE: PatentIn version 3.0
  16 <210> SEQ ID NO: 1
  17 <211> LENGTH: 7
  18 <212> TYPE: PRT
  19 <213> ORGANISM: Simian virus 40
  21 <220> FEATURE:
  22 <221> NAME/KEY: DOMAIN
  23 <222> LOCATION: (1)..(7)
  24 <223> OTHER INFORMATION: SV40 Large T nuclear localization domain
  27 <400> SEQUENCE: 1
  29 Pro Lys Lys Lys Arg Lys Val
  30 1               5
  32 <210> SEQ ID NO: 2
  33 <211> LENGTH: 14
  34 <212> TYPE: PRT
  35 <213> ORGANISM: homo sapiens
  37 <220> FEATURE:
  38 <221> NAME/KEY: DOMAIN
  39 <222> LOCATION: (1)..(14)
  40 <223> OTHER INFORMATION: lipid targeting motif
  43 <400> SEQUENCE: 2
  45 Met Gly Ser Ser Lys Ser Lys Pro Lys Asp Pro Ser Gln Arg
  46 1               5                   10
  48 <210> SEQ ID NO: 3
  49 <211> LENGTH: 40
  50 <212> TYPE: DNA
  51 <213> ORGANISM: Artificial Sequence
  53 <220> FEATURE:
  54 <221> NAME/KEY: misc_feature
  55 <222> LOCATION: (1)..(40)
  56 <223> OTHER INFORMATION: VR65 cloning oligo
  59 <400> SEQUENCE: 3
  60 tcccgcacct cttcggccag cgaattccag aagcgcgtat                    40
  63 <210> SEQ ID NO: 4
  64 <211> LENGTH: 32
  65 <212> TYPE: DNA
  66 <213> ORGANISM: Artificial Sequence
```

RAW SEQUENCE LISTING                    DATE: 03/05/2002
PATENT APPLICATION:   US/09/807,576     TIME: 13:39:13

Input Set : A:\USSN09807576.txt
Output Set: N:\CRF3\03052002\I807576.raw

```
 68 <220> FEATURE:
 69 <221> NAME/KEY: misc_feature
 70 <222> LOCATION: (1)..(32)
 71 <223> OTHER INFORMATION: VR119 cloning oligo
 74 <400> SEQUENCE: 4
 75 gactcactat aggacgcgtt cgagctcgcc cc                          32
 78 <210> SEQ ID NO: 5
 79 <211> LENGTH: 31
 80 <212> TYPE: DNA
 81 <213> ORGANISM: Artificial Sequence
 83 <220> FEATURE:
 84 <221> NAME/KEY: misc_feature
 85 <222> LOCATION: (1)..(31)
 86 <223> OTHER INFORMATION: VR120 cloning oligo
 89 <400> SEQUENCE: 5
 90 catcattttg gcaaaggatt cactcctcag g                           31
 93 <210> SEQ ID NO: 6
 94 <211> LENGTH: 27
 95 <212> TYPE: DNA
 96 <213> ORGANISM: Artificial Sequence
 98 <220> FEATURE:
 99 <221> NAME/KEY: misc_feature
100 <222> LOCATION: (1)..(27)
101 <223> OTHER INFORMATION: VR1 cloning oligo
104 <400> SEQUENCE: 6
105 gatggaaaga aaatggattc ctcccgg                                27
108 <210> SEQ ID NO: 7
109 <211> LENGTH: 24
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <221> NAME/KEY: misc_feature
115 <222> LOCATION: (1)..(24)
116 <223> OTHER INFORMATION: VR2 cloning oligo
119 <400> SEQUENCE: 7
120 tctagagtga gcaagggcga ggag                                   24
123 <210> SEQ ID NO: 8
124 <211> LENGTH: 37
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <221> NAME/KEY: misc_feature
130 <222> LOCATION: (1)..(37)
131 <223> OTHER INFORMATION: VR3 cloning oligo
134 <400> SEQUENCE: 8
135 ggatccttat taactagtct tgtacagctc gtccatg                     37
138 <210> SEQ ID NO: 9
139 <211> LENGTH: 25
140 <212> TYPE: DNA
```

RAW SEQUENCE LISTING                    DATE: 03/05/2002
PATENT APPLICATION:  US/09/807,576      TIME: 13:39:13

Input Set : **A:\USSN09807576.txt**
Output Set: **N:\CRF3\03052002\I807576.raw**

```
141 <213> ORGANISM: Artificial Sequence
143 <220> FEATURE:
144 <221> NAME/KEY: misc_feature
145 <222> LOCATION: (1)..(25)
146 <223> OTHER INFORMATION: VR109 cloning oligo
149 <400> SEQUENCE: 9
150 aagcttacca ctcagggtcc tgtgg                                  25
153 <210> SEQ ID NO: 10
154 <211> LENGTH: 19
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <221> NAME/KEY: misc_feature
160 <222> LOCATION: (1)..(19)
161 <223> OTHER INFORMATION: VR110 cloning oligo
164 <400> SEQUENCE: 10
165 gaattcgtgg caacttcca                                         19
168 <210> SEQ ID NO: 11
169 <211> LENGTH: 29
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <221> NAME/KEY: misc_feature
175 <222> LOCATION: (1)..(29)
176 <223> OTHER INFORMATION: VR185 cloning oligo
179 <400> SEQUENCE: 11
180 cacaggaccc tgaattctaa gcttgtggc                              29
183 <210> SEQ ID NO: 12
184 <211> LENGTH: 30
185 <212> TYPE: DNA
186 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
189 <221> NAME/KEY: misc_feature
190 <222> LOCATION: (1)..(30)
191 <223> OTHER INFORMATION: VR186 cloning oligo
194 <400> SEQUENCE: 12
195 ataagggaat ggttctagag gcactgccct                             30
198 <210> SEQ ID NO: 13
199 <211> LENGTH: 31
200 <212> TYPE: DNA
201 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
204 <221> NAME/KEY: misc_feature
205 <222> LOCATION: (1)..(31)
206 <223> OTHER INFORMATION: VR187 cloning oligo
209 <400> SEQUENCE: 13
210 atgccacccg ggactagtga agccacagct g                           31
213 <210> SEQ ID NO: 14
214 <211> LENGTH: 48
```

RAW SEQUENCE LISTING                    DATE: 03/05/2002
PATENT APPLICATION:  US/09/807,576      TIME: 13:39:13

Input Set : A:\USSN09807576.txt
Output Set: N:\CRF3\03052002\I807576.raw

```
215 <212> TYPE: DNA
216 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
219 <221> NAME/KEY: misc_feature
220 <222> LOCATION: (1)..(48)
221 <223> OTHER INFORMATION: VR4 cloning oligo
224 <400> SEQUENCE: 14
225 actagtgcta gaaaccgtca gaagagattc ccaaccattc ccttaagc                48
228 <210> SEQ ID NO: 15
229 <211> LENGTH: 31
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
234 <221> NAME/KEY: misc_feature
235 <222> LOCATION: (1)..(31)
236 <223> OTHER INFORMATION: VR5 cloning oligo
239 <400> SEQUENCE: 15
240 ggatcccggg ctagaagcca cagctgccct c                                 31
243 <210> SEQ ID NO: 16
244 <211> LENGTH: 32
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <221> NAME/KEY: misc_feature
250 <222> LOCATION: (1)..(32)
251 <223> OTHER INFORMATION: VR 220 cloning oligo
254 <400> SEQUENCE: 16
255 cgaattcttc tgccatggcc ctgtggatgc gc                                32
258 <210> SEQ ID NO: 17
259 <211> LENGTH: 31
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <221> NAME/KEY: misc_feature
265 <222> LOCATION: (1)..(31)
266 <223> OTHER INFORMATION: VR221 cloning oligo
269 <400> SEQUENCE: 17
270 cggatccgca ggctgcgtct agttgcagta g                                 31
273 <210> SEQ ID NO: 18
274 <211> LENGTH: 52
275 <212> TYPE: DNA
276 <213> ORGANISM: Artificial Sequence
278 <220> FEATURE:
279 <221> NAME/KEY: misc_feature
280 <222> LOCATION: (1)..(52)
281 <223> OTHER INFORMATION: VR222 cloning oligo
284 <400> SEQUENCE: 18
285 cactagtgct agaaaccgtc agaagagatt tgtgaaccaa cacctgtgcg gc          52
288 <210> SEQ ID NO: 19
```

RAW SEQUENCE LISTING                    DATE: 03/05/2002
PATENT APPLICATION:   US/09/807,576     TIME: 13:39:13

            Input Set : A:\USSN09807576.txt
            Output Set: N:\CRF3\03052002\I807576.raw

```
289 <211> LENGTH: 27
290 <212> TYPE: DNA
291 <213> ORGANISM: Artificial Sequence
293 <220> FEATURE:
294 <221> NAME/KEY: misc_feature
295 <222> LOCATION: (1)..(27)
296 <223> OTHER INFORMATION: VR223
299 <400> SEQUENCE: 19
300 cctgtgcggc tcagacctgg tggaagc                                27
303 <210> SEQ ID NO: 20
304 <211> LENGTH: 35
305 <212> TYPE: DNA
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
309 <221> NAME/KEY: misc_feature
310 <222> LOCATION: (1)..(35)
311 <223> OTHER INFORMATION: VR224 cloning oligo
314 <400> SEQUENCE: 20
315 cttctacaca cccaggacca agcgggaggc agagg                       35
318 <210> SEQ ID NO: 21
319 <211> LENGTH: 29
320 <212> TYPE: DNA
321 <213> ORGANISM: Artificial Sequence
323 <220> FEATURE:
324 <221> NAME/KEY: misc_feature
325 <222> LOCATION: (1)..(29)
326 <223> OTHER INFORMATION: VR225 cloning oligo
329 <400> SEQUENCE: 21
330 ccctggaggg gtcccggcag aagcgtggc                              29
333 <210> SEQ ID NO: 22
334 <211> LENGTH: 30
335 <212> TYPE: DNA
336 <213> ORGANISM: Artificial Sequence
338 <220> FEATURE:
339 <221> NAME/KEY: misc_feature
340 <222> LOCATION: (1)..(30)
341 <223> OTHER INFORMATION: oligo TC-W59V
344 <400> SEQUENCE: 22
345 gtgatccgag gcgtggaaga aggggttgcc                             30
```

**VERIFICATION SUMMARY**              DATE: 03/05/2002
PATENT APPLICATION:   US/09/807,576       TIME: 13:39:14

Input Set : **A:\USSN09807576.txt**
Output Set: **N:\CRF3\03052002\I807576.raw**